

Approved For Release 2000/08/29 : CIA-RDP79T01149A000300150008-0

INPUT COEFFICIENTS FOR AGGREGATE ITEMS OF SOVIET AMMUNITION, 1952

Aggregate Items of Ammunition	Average Unit	Inputs per lb. (or 1000 lbs. of Average Units of Aggregate Items)					
	Weight (lbs)	Ingot Steel (lbs/lb)	Ingot Aluminum (lbs/1000 lbs)	Refined Copper (lbs/1000 lbs)	Refined Zinc (lbs/1000 lbs)	Electric Power (kwh/lb)	Manpower (man hours/lb)
Small Arms Ammo (Total) 7.62 mm to 12.7 mm Weight range: Minimum - 316 grains Maximum - 1768 grains	.15	.7	negligible	50.	.5	2.5	.17
Artillery Ammo - Light 20 mm to 76 mm (Incl.) Weight range: Minimum - .34 lb. Maximum - 15. lbs.	4.52	.5	6.	330.	125.	3.32	1.1
Artillery Ammo - Medium 76 mm to 105 mm (Incl.) Weight range: Minimum - 22. lbs. Maximum - 36. lbs.	42.	.75	25.	410.	160.	1.1	.26
Artillery Ammo - Heavy 105 mm up Weight range: Minimum - 39 lbs. Maximum - 360 lbs.	150.	1.60	15.	200.	75.	.36	.08
Mortar Ammo 82 mm to 160 mm Weight range: Minimum - 7.50 lbs. Maximum - 88.2 lbs.	35.30	1.0	25.	2.4	1.	.35	.14
Bombs-Aircraft 50 Kg to 2000 Kg Weight range: Minimum - 60 lbs. Maximum - 2550 lbs.	865.	.625	2.	.7	.3	.37	.21

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INPUT COEFFICIENTS FOR AGGREGATE ITEMS OF SOVIET ARMAMUNITION, 1952

Aggregate Items of Armament	Average Unit Weight (lbs)	Inputs per lb. (or 1000 lbs) of Average Units of Aggregate Items					
		Ingot Steel (lbs/lb)	Ingot Aluminum (lbs/1000 lbs)	Refined Copper (lbs/1000 lbs)	Refined Zinc (lbs/1000 lbs)	Electric Power (kwh/lb)	Manpower (man-hours/lb)
<u>Grenades</u> All types Weight range: Minimum - 20. oz. Maximum - 38.4 oz.	2.	1.13	1.	.5	.2	.30	.03
<u>Mines</u> All types AT & AP Weight range: Minimum - 20 lbs. Maximum - 30.5 lbs.	13.	none	1.	negligible	negligible	.1	.03
<u>Rockets</u> Naval Ammo - light 20 mm to 3 inc. Weight range: Minimum - .34 lbs. Maximum - 15. lbs. Naval Ammo - heavy 3.9 inch to 12.6 inch Weight range: Minimum - 13. lbs Maximum - 1320 lbs.	See I/W Contribution 4.52 425.	.5 .75	6. 5.	330. 225.	125. 25.	3.32 3.32	1.1 1.1
<u>Aircraft Ammo</u> 7.62 mm to 37 mm Weight range: Minimum - 316 grains Maximum - 712 grains	1.	.7	negligible	15.	6.	2.5	.2